

Converting Colors

XYZ(14.9886, 13.7389, 17.4902)

Have a look what the booklet for
XYZ(14.9886, 13.7389, 17.4902)
contains.

XYZ(15.0011, 13.7347, 17.4832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0011, 13.7347,
17.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	786171
RGB	120, 97, 113
RGB Percent	47%, 38%, 44%
CMY	0.5294, 0.6196, 0.5569
CMYK	0.00, 0.19, 0.06, 0.53
HSL	318°, 11%, 43%
HSV	318°, 19%, 47%
XYZ	15.0011, 13.7347, 17.4832
YIQ	105.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

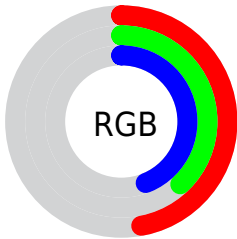
Format	Color
R_{YB}	120, 97, 113
Decimal	7889265
CIE Lab	43.85, 12.23, -5.52
CIE LCh	44, 13.420, 335.732
Yxy	13.7347, 0.3246, 0.2972
Android (android.graphics.Color)	4286079345 (0xFF786171)
YUV	105.7010, 3.5984, 12.5402
Hunter-Lab	37.0604, 7.3967, -2.0278

Details

The XYZ color **15.0011, 13.7347, 17.4832** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1455, 16.9743, 15.6284**, and the grayscale version is **13.6070, 14.3156, 15.5897**.

A 20% lighter version of the original color is **34.3947, 32.6671, 40.0899**, and **4.6933, 4.0025, 5.5262** is the 20% darker color. If you saturate the color by 10%, you get **13.7737, 11.6022, 16.0799**, and if you desaturate by 10%, it is **16.4054, 16.2072, 18.9866**.

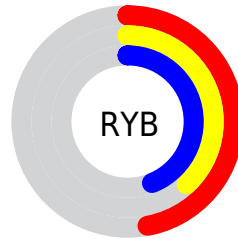
Distribution



Red (47%)

Green (38%)

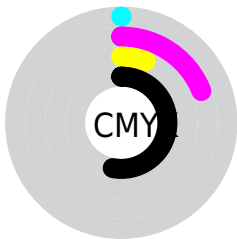
Blue (44%)



Red (47%)

Yellow (38%)

Blue (44%)

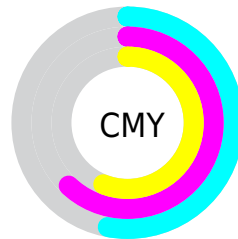


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0011, 13.7347, 17.4832 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 15.0011, 13.7347, 17.4832 by changing the saturation by 10% instead.

■ 15.0011, 13.7347,
17.4832

■ 15.0011, 13.7347,
17.4832

216.7611,
215.5741, 250.0793

■ 8.9065, 7.9364,
10.4140

■ 34.4267, 32.6175,
39.9567

■ 4.7369, 4.0543,
5.5651

■ 48.4885, 46.4709,
56.1981

■ 2.1269, 1.7040,
2.5180

■ 65.9366, 63.7780,
76.3339

■ 0.7038, 0.4262,
0.8497

■ 87.1366, 84.9232,
100.7828

■ 0.0000, 0.0000,
0.0000

112.4536,
110.2911, 129.9632

142.2532,

140.2659, 164.2938

176.9005,
175.2321, 204.1929

■ 15.0011, 13.7347,
17.4832

■ 15.0011, 13.7347,
17.4832

■ 13.7737, 11.6022,
16.0799

■ 16.4054, 16.2072,
18.9866

■ 12.7143, 9.7928,
14.7728

■ 17.9924, 19.0321,
20.5921

■ 11.8151, 8.2910,
13.5590

■ 19.7693, 22.2232,
22.3027

■ 11.0674, 7.0792,
12.4351

■ 21.7425, 25.7932,
24.1209

■ 10.4611, 6.1379,
11.3973

■ 23.9181, 29.7541,
26.0492

■ 9.9855, 5.4453,
10.4414

■ 26.3018, 34.1173,
28.0900

■ 9.6278, 4.9762,
9.5626

■ 28.8993, 38.8938,
30.2456

■ 9.3483, 4.6515,
8.7473

■ 31.7158, 44.0943,
32.5182

■ 9.3256, 4.6250,
8.6811

■ 34.7567, 49.7290,
34.9100

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.2807, 13.7347, 20.2085



15.0011, 13.7347, 17.4832



15.1882, 13.7347, 14.3795

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.0011, 13.7347, 17.4832



12.8520, 13.7347, 9.8682



11.4695, 13.7347, 18.6274

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.0011, 13.7347, 17.4832



14.1455, 16.9743, 15.6284

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.1305, 13.7347, 15.5451



15.0011, 13.7347, 17.4832



11.9005, 13.7347, 10.7010

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.0011, 13.7347, 17.4832



13.9098, 13.7347, 10.2415



11.2839, 13.7347, 12.6827



12.2349, 13.7347, 20.9292

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.0011, 13.7347, 17.4832



14.9770, 13.7347, 12.5620



11.2839, 13.7347, 12.6827



11.3039, 13.7347, 17.6336

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.0015, 13.7353, 17.4835



29.6615, 29.9382, 34.2265



13.3628, 12.8432, 19.5444



6.9977, 7.0387, 8.0788



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0015, 13.7353, 17.4835



25.3973, 22.4355, 29.6427



14.3994, 13.4945, 14.3130



4.1050, 4.0577, 4.7505



10.1670, 5.0430, 9.4365



48.1057, 23.8986, 42.9481

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.0015, 13.7353, 17.4835



25.3973, 22.4355, 29.6427



14.7643, 17.2218, 18.8870



4.1050, 4.0577, 4.7505



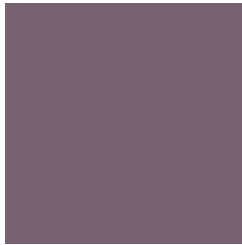
10.1670, 5.0430, 9.4365



48.1057, 23.8986, 42.9481

Previews

White Background



This preview shows how the XYZ color 15.0011, 13.7347, 17.4832 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.0011, 13.7347, 17.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0011, 13.7347, 17.4832

Background



This preview shows how black text looks on a background with the XYZ color 15.0011, 13.7347, 17.4832.



This preview shows how white text looks on a background with the XYZ color 15.0011, 13.7347,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.0011, 13.7347, 17.4832

Protanopia

13.5406, 13.8096, 18.7815

Deuteranopia

14.0087, 13.7922, 17.2531



Tritanopia

14.5770, 13.6979, 15.5113

Trichromacy



Original Color

15.0011, 13.7347, 17.4832

Protanomaly

14.1127, 13.8195, 18.4466

Deuteranomaly

14.4212, 13.8616, 17.2447

Tritanomaly

14.7357, 13.7614, 16.3476

Monochromacy



Original Color

15.0011, 13.7347, 17.4832

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1661, 14.1841, 16.4592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0011, 13.7347, 17.4832 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(120, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(120, 97, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 97, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.0011, 13.7347, 17.4832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 97, 113) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(120, 97, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(120, 97, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(120, 97,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0011, 13.7347, 17.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 97, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120, 97,  
113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor